

The Rubbish RESOURCE



A Publication of the N.H. Department of Environmental Services Waste Management Division

Fall 2001

NH RECYCLES... COMMUNITY BY COMMUNITY



It is not too late to start thinking about how your municipality will celebrate the fifth annual America Recycles Day in New Hampshire (ARD-NH) on Thursday

November 15, 2001. This will be an exciting year, highlighting the need for everyone to participate with the State theme of **“NH Recycles... Community by Community.”** The national theme, “Recommit yourself to Recycling”, underscores the need for consistent and continuous outreach and education.

America Recycles Day (ARD) is thousands of events across the United States designed to promote the environmental and economic benefits of recycling. America Recycles Day, Inc., is a unique public/private partnership bringing together government officials, environmental organizations and manufacturing industries with a shared objective to increase recycling.

This year's celebrations are being organized by a statewide committee comprised of Marc Morgan, DES; Vanessa Ghiden, Concord; Paul Freitas, Plymouth; Tony Ilacqua, Littleton; Dennis Patnoe, Lancaster; Mark Richardson, Hampton; Ron Davis, Ossipee; Sally Hyland, Nashua; Duncan Watson, Keene; Kelly Pale, Peterborough and Vic Hyman, Manchester.

There are a number of contests taking place this year. Municipalities will once again be able to take advantage of ARD-NH by entering the “Best Municipal Recycling Program in NH” contest. The contest requires towns to submit an application describing their municipal program. The winning town will receive a number of prizes: Timberland steel toe boots, 10 free tons of C&D processing at ERRCO, one day rental of a compost screener from Gorham Tractor, TV and VCR from NHMA, and gloves and registration to the NRRRA conference.

Towns are asked to encourage residents to enter the statewide contest and “commit” to recycle or to buy recycled content items. The statewide drawing winners will receive a Walden kayak made from recycled HDPE, a recycled content sleeping bag from L.L. Bean, a steel grill from the Steel Recycling Institute and one year supply of Stoneyfield Yogurt. The ARD-NH brochure doubles as the registration form for the contest or residents can register at the ARD-NH website at www.des.state.nh.us/pcas/nhard.

Schools are participating in this year's events. A calendar contest has been developed for New Hampshire students, sponsored by Casella Waste Systems. Students from across the state are asked to submit drawings that will address this year's theme. Twelve drawings will be chosen and a calendar will be designed. All of N.H.'s schools have received a packet outlining the contest.

Municipalities can easily participate by not only entering contests, but by organizing ARD-NH events. These events can range from facility tours (“Dump and Donuts”) to workshops on compost bin construction. The purpose of these events is to educate the public about the many benefits of recycling and buying recycled products. If your town is holding an event, be sure to contact Marc Morgan so it can be listed on the ARD-NH website.

On Thursday November 15, the winners from the School and Municipal Contests will be presented and the statewide winner will be selected. This presentation will take place at 3:00 PM at the Nashua Marriott (call for more details). Many other events around the state are being organized.

For more information, contact Marc Morgan, DES Recycling Coordinator. at (603) 271-3712. You can visit the ARD-NH website at www.des.state.nh.us/pcas/nhard.

2001 INCINERATOR OPERATOR TRAINING & CERTIFICATION PROGRAM

On December 4-5, 2001 the Department of Environmental Services (DES) will be holding an Incinerator Operator Training and Certification Program, in the auditorium at 6 Hazen Drive, Concord, NH. Some of the information covered during the two-day program includes: the theory of combustion, incinerator operations and maintenance, air emission regulations, ash management and facility safety issues.

For more information, contact Patricia Hannon, Program Coordinator at 603-271-2928, or E-mail at phannon@des.state.nh.us.

MEETING ON THE SHORES OF LAKE WINNIPESAUKEE

The Department of Environmental Services hosted its annual Solid Waste Conference at the Geneva Conference Center in



Moultonborough. The day-long program, which was attended by about 200 operators, consultants, legislators and industry representatives, addressed diverse topics on solid waste management and recycling. The day began with a joint discussion of

regional solid waste issues by Philip J. O'Brien, Ph.D., Director of the DES Waste Management Division, and Barbara Kwetz from the Massachusetts Department of Environmental Protection. Other talks focused upon contract negotiations, enforcement issues, the recycling markets and innovative composting. There were informative vendor displays as well as door prizes (including a recycled computer). The conference is sponsored through the DES Solid Waste Operator Training Program and is a free, yearly event that is held in different locations throughout New Hampshire.

WORKSHOPS FOR 2002

The Solid Waste Operator Training and Certification Program is currently planning the workshops for 2002. If you have a suggestion for a workshop topic, please tell us! Contact Patricia Hannon, Program Coordinator, at (603) 271-2928 or e-mail at: phannon@des.state.nh.us.

MAXIMIZING DENSITY WITH THE “ALLU” BUCKET

A demonstration of a screening and crushing product from ALLU, Inc. was held at the Plymouth Transfer Station on September 24. ALLU's distributor, Chappell Tractor in Milford, demonstrated two bucket attachments, one for a loader and another for a skid steer, grinding up glass, porcelain, brush and turning compost materials. The ALLU attachments are installed in place of a bucket on either a loader or skid steer and contain rotating discs with hammers that pulverize and size material down to approximately one inch. ALLU literature indicates that the attachments can be used for:

- ◆ Aeration of sludge or other compost
- ◆ Mixing biowaste with bulking agents
- ◆ Pre-screening and screening of aggregate
- ◆ Grinding construction wastes
- ◆ Crushing lightweight concrete

The hammers that are attached to the crushing bars vary in size (40-60 mm) and shape, depending upon the intended use. The crushing bars are driven by a series of chain pulleys that also vary in strength

according to the application. Adapters, plates, fasteners and other customizations are possible.



Crushing glass to 1 inch

The interest in the ALLU screening/crushing buckets stems from the desire to lower transportation cost by maximizing the density of materials and to make a crushed material, such as glass, into a usable material for construction fill. The NH DOT specifications for PGA for road applications require that glass be no larger than 1/2 inch, however, this doesn't preclude using glass under culverts or other construction projects. DES classifies glass as a certified waste derived product for construction projects when it is less than 1 inch in size.

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